

ABSTRACT

Disclosed is a technique which enables a mobile node to promptly and continuously get an additional service (e.g., QoS guarantee) gotten before handover after the handover. According to the technique, a mobile node (MN 10) has a correspondence relationship between information (link layer address of an AP) on an access point (APs 22, 23, 32 and 33) and information (link layer address of an AR, an IP address of the AR, a network prefix and a prefix length of a subnet 20 and 30 to which the AR belongs, and presence or absence of implementation a mobility supported additional service realization function) on an access router (ARs 21 and 31) having control over the AP, and, by referring to the correspondence relationship, configures an NCoA of a destination subnet. An NCoA is transmitted to the IP address of a handover target AR, and the AR which has received the message checks the NCoA, and starts an establishment process of an additional service relating to the mobile node.